

**AMENDMENTS TO THE CLAIMS**

Please amend the claims as shown below. A complete listing of the claims set forth below.

1-37 **(Cancelled)**

38. **(Currently amended)** A ~~non-naturally occurring~~ composition comprising:  
a recombinant Tankyrase H protein; and  
a source of ADP ribose;  
wherein said composition recombinant Tankyrase H protein exhibits poly-ADP ribose polymerase activity and has an amino acid sequence that is at least 95% identical to the entire contiguous sequence of SEQ ID NO:3 or SEQ ID NO:4..
39. **(Currently amended)** The composition of claim 38, further comprising:  
a test candidate bioactive agent.
40. **(Currently amended)** The composition of claim 39, claim 38, wherein said test candidate bioactive agent is an organic molecule of less than 2,500 Da.
41. **(Currently amended)** The composition of claim 39, claim 38, wherein the test candidate bioactive agent is a peptide.
42. **(Previously presented)** The composition of claim 38, wherein said composition is a cellular composition comprising cells comprising:  
a recombinant nucleic acid encoding said Tankyrase H protein.
43. **(Previously presented)** The composition of claim 38, wherein said Tankyrase H protein is a fusion protein.
44. **(Currently amended)** The composition of claim 42, claim 38, wherein said cells are eell is-a mammalian eell cells.

45. **(Withdrawn)** A method of using the composition of claim 38, comprising:  
contacting the composition of claim 38 with a test agent; and  
determining any effect of said test agent on said poly-ADP ribose polymerase activity.

46. **(Withdrawn)** The method of claim 45, wherein said test agent is an organic molecule of less than 2,500 Da.

47. **(Withdrawn)** The method of claim 45, wherein the test agent is a peptide.